

Table 3-1

Sampling Locations and Rationale
Autocraft Shop/Former DPDO and Former Motor Pool 2100 North of DPDO
Fort McClellan, Calhoun County, Alabama

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Sample Location	Sample Media	Sample Location Rationale
FTA-100-GP02	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil and groundwater samples were collected adjacent to the motor parts laydown shed.
FTA-100-GP03	Subsurface Soil	A subsurface soil sample was collected adjacent (north side) to the waste oil underground storage tank (UST).
FTA-100-GP04	Surface Soil Subsurface Soil Groundwater	Surface soil, subsurface soil and groundwater samples were collected to the north of the paint booth roll up doors between the paint booth door and the door to car wash pumps.
FTA-100-GP05	Subsurface Soil	A subsurface soil sample was collected adjacent (west side) to the heating oil UST.
FTA-100-GP06	Subsurface Soil	A subsurface soil sample was collected adjacent (east side) to the waste oil UST.
FTA-100-MW01	Groundwater	A groundwater sample was collected from an existing monitoring well installed after waste oil tank removal as part of Alabama Department of Environmental Management (ADEM) requirements.
FTA-100-MW02	Groundwater	A groundwater sample was collected from an existing monitoring well installed after waste oil tank removal as part of ADEM requirements.
FTA-100-MW03	Groundwater	A groundwater sample was collected from an existing monitoring well installed after waste oil tank removal as part of ADEM requirements.
FTA-100-MW04	Groundwater	A groundwater sample was collected from an existing monitoring well installed after waste oil tank removal as part of ADEM requirements.
FTA-100-SW/SD01	Surface Water Sediment	Surface water and sediment samples were collected from a location that is a potential downstream collection point for the site.
FTA-100-SW/SD02	Surface Water Sediment	Surface water and sediment samples were collected from a location that is a potential downstream collection point for the site.
FTA-100-SW/SD03	Surface Water Sediment	Surface water and sediment samples were collected from a location that is a potential downstream collection point for the site.
FTA-145-SW/SD02	Surface Water Sediment	Surface water and sediment samples were collected from a location that is a potential downstream collection point for the site.
FTA-100-DEP01	Depositional Soil	A depositional soil sample was collected from a location that represents a lower elevation area where surface water runoff could collect, and potentially percolate into the substratum, or potentially deposit suspended materials after evaporation.
FTA-100-DEP02	Depositional Soil	A depositional soil sample was collected from a location that represents a lower elevation area where surface water runoff could collect, and potentially percolate into the substratum, or potentially deposit suspended materials after evaporation.
FTA-100-DEP03	Depositional Soil	A depositional soil sample was collected from a location that represents a lower elevation area where surface water runoff could collect, and potentially percolate into the substratum, or potentially deposit suspended materials after evaporation.

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Sample Location	Sample Media	Sample Location Rationale
WS-100-SW/SD01	Surface Water Sediment	Surface water and sediment samples were collected offsite and upstream of the Autocraft Shop in the tributary to South Branch of Cane Creek (across 11th Avenue). The sample location was selected to provide upstream creek data.
GSBP-152-MW01	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW02	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW03	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW04	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW05	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW06	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW07	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW08	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW09	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW10	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW11	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW12	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW13	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
GSBP-152-MW14	Groundwater	To provide overall parcel coverage of the investigation previously described in the QST work plan.
SI06-GWS04	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-GWS06	Surface soil Subsurface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).

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Sample Location	Sample Media	Sample Location Rationale
SI06-GWS09	Surface soil Subsurface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-GWS10	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-GWS11	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS01	Surface soil Subsurface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS04	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS05	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS06	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS08	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS09	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS10	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS11	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS13	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS15	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SS16	Surface soil	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SED01	Sediment	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).
SI06-SW01	Surface Water	To assess potential environmental impacts from the former DPDO activities (QST Work Plan, March 1998).

Table 3-2

Soil Sample Designations and QA/QC Samples
Autocraft Shop/Former DPDO and Former Motor Pool Area 2100 North of DPDO
Fort McClellan, Calhoun County, Alabama

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Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
FTA-100-GP02	FTA-100-GP02-SS-CV0004-REG	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
	FTA-100-GP02-DS-CV0005-REG	5-9				
FTA-100-GP03	FTA-100-GP03-DS-CV0006-REG	5-7				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
FTA-100-GP04	FTA-100-GP04-SS-CV0007-REG	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
	FTA-100-GP04-DS-CV0008-REG	4-8			FTA-100-GP04-DS-CV0008-MS FTA-100-GP04-DS-CV0008-MSD	
FTA-100-GP05	FTA-100-GP05-DS-CV0009-REG	1-4				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
FTA-100-GP06	FTA-100-GP06-DS-CV0010-REG	4-6				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
FTA-100-DEP01	FTA-100-DEP01-DEP-CV0011-REG	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
FTA-100-DEP02	FTA-100-DEP02-DEP-CV0012-REG	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
FTA-100-DEP03	FTA-100-DEP03-DEP-CV0013-REG	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Chlorinated Herbicides, Organophosphorus Pesticides
SI06-GWS04	SI06-GWS04	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC
SI06-GWS06	SI06-GWS06-06-SS02A	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
	SI06-GWS06-06-SS02B	3-4				
SI06-GWS09	SI06-GWS09-06-SS03A	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC
	SI06-GWS09-06-SS03B	3-4				
SI06-GWS10	SI06-GWS10	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-GWS11	SI06-GWS11	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides

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Soil Sample Designations and QA/QC Samples
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Sample Location	Sample Designation	Sample Depth (ft. bgs)	QA/QC Samples			Analytical Suite
			Field Duplicates	Field Splits	MS/MSD	
SI06-SS01	SI06-SS01A	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC
	SI06-SS01B	3-4				
SI06-SS04	SI06-SS04	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC
SI06-SS05	SI06-SS05	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS06	SI06-SS06	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS08	SI06-SS08	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS09	SI06-SS09	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC
SI06-SS10	SI06-SS10	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS11	SI06-SS11	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS13	SI06-SS13	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS15	SI06-SS15	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides
SI06-SS16	SI06-SS16	0-1				TCL VOCs, TCL SVOCs, TAL Metals, Chlorinated Pesticides, PCBs, Organophosphorus Pesticides, TOC

ft bgs - Feet below ground surface.

FD - Field duplicate.

FS - Field split.

MS/MSD - Matrix spike/matrix spike duplicate.

QA/QC - Quality assurance/quality control.

REG - Field sample.

PCB - Polychlorinated biphenyl.

SVOC - Semivolatile organic compound.

TAL - Target analyte list.

TCL - Target compound list.

TOC - Total organic carbon.

VOC - Volatile organic compound.